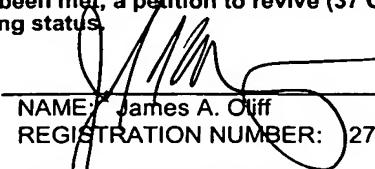
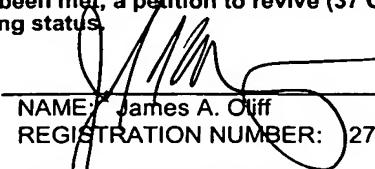
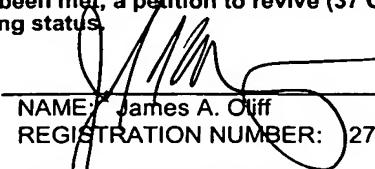


FORM PTO-1390 (REV. 01-2003) US DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 127902
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) New U.S. National Stage of PCT/JP2004/016305 <b>107578192</b>
INTERNATIONAL APPLICATION NO. PCT/JP2004/016305	INTERNATIONAL FILING DATE November 4, 2004	PRIORITY DATE CLAIMED November 17, 2003
TITLE OF INVENTION FURNACE AND DEGREASING METHOD		
APPLICANTS FOR DO/EO/US Shigeru HANZAWA; Yoshitaka TABUCHI; Takashi YASUE; Shinzo HAYASHI		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> <li>c. <input type="checkbox"/> The International Application was filed in English.</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventors (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>		
Items 11 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information: Transmittal of Power of Attorney and Statement Under 37 CFR § 3.73(b); a copy of the International Search Report is attached to the Information Disclosure Statement.</li> </ol>		

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) New U.S. National Stage of PCT/JP2004/016305 <b>179578192</b>		INTERNATIONAL APPLICATION NO. PCT/JP2004/016305	ATTORNEY'S DOCKET NUMBER 127902																																																																																																																																																												
<p>21. <input checked="" type="checkbox"/> The following fees are submitted:</p> <table border="1"> <tr> <td colspan="2"><b>BASIC NATIONAL FEE (37 CFR 1.492(a)):</b> ..... \$ 300.00</td> <td><b>CALCULATIONS</b></td> <td><b>PTO USE ONLY</b></td> </tr> <tr> <td colspan="2"><b>SEARCH FEE (37 CFR 1.492(b)(1)-(3)):</b></td> <td colspan="2">\$ 400.00</td> </tr> <tr> <td colspan="2">International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national stage ..... \$ 0.00</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">International search fee (37 CFR 1.445(a)(2)) paid to USPTO as ISA ..... \$ 100.00</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">International search report provided to USPTO no later than the time at which the search fee is paid ..... \$ 400.00</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">All situations not provided for above ..... \$ 500.00</td> <td colspan="2"></td> </tr> <tr> <td colspan="2"><b>EXAMINATION FEE (37 CFR 1.492(c)(1)-(2)):</b></td> <td colspan="2">\$ 200.00</td> </tr> <tr> <td colspan="2">International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national stage ..... \$ 0.00</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">All situations not provided for above ..... \$ 200.00</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">Surcharge of \$130.00 for furnishing the search fee, the examination fee or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).</td> <td colspan="2">\$</td> </tr> <tr> <td>TOTAL PAGES OF APPLICATION OVER 100 (59 - 100)</td> <td>0 ÷ 50</td> <td>= +0</td> <td>x 250 =</td> <td>\$</td> </tr> <tr> <td colspan="5">rounded up to next integer</td> </tr> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> <td>RATE</td> <td>\$</td> </tr> <tr> <td>TOTAL CLAIMS</td> <td>19 - 20</td> <td>= 0</td> <td>x 50.00 =</td> <td>\$</td> </tr> <tr> <td>INDEPENDENT CLAIMS</td> <td>4 - 3</td> <td>= 1</td> <td>x 200.00 =</td> <td>\$ 200.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S)(if applicable)</td> <td>+ 360.00 =</td> <td>\$</td> </tr> <tr> <td colspan="4"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td>\$1100.00</td> </tr> <tr> <td colspan="4"><input type="checkbox"/> Applicant claims small entity status. 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